

TOP SECRET

RCA-01/0017/69



Basic Imagery Interpretation Report



**NATIONAL
PHOTOGRAPHIC
INTERPRETATION
CENTER**

25X1



TEYKOVO ICBM COMPLEX



25X1

DEPLOYED STRATEGIC SSM FACILITIES

USSR

MAY 1969

COPY NO 105

7 PAGES
GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

TOP SECRET

Page Denied

Next 1 Page(s) In Document Denied

TOP SECRET

RCA-01/0017/69

25X1

25X1

ADDENDUM

A total of 17 recently identified SS-11 (Type IIID) launch sites, a training site, and one deletion, Site 33C, are not reflected in Table 1 of this report. Identification of eight of these new sites and the deletion of one site were based on photography of [REDACTED] and data on these sites is in the OAK of that mission, [REDACTED]. The other nine sites and the training site were identified on [REDACTED] and data on these sites is in the recently published Photographic Interpretation Memorandum, [REDACTED]. Of these 17 new launch sites, three sites fill out Launch Group C, four sites fill out Launch Group D, nine sites are in Launch Group E, and one site is probably the start of a sixth launch group (F) at this complex. Both the fifth and sixth launch groups have estimated starts during early [REDACTED]. The training site, 61X, was identified on [REDACTED] at the rail-to-road transfer point in a midstage of construction.

25X1

25X1

25X1

25X1

TOP SECRET

25X1

25X1

(BLANK PAGE)

TOP SECRET

RCA-01/0017/69

25X1

INSTALLATION OR ACTIVITY NAME

Teykovo ICBM Complex

COUNTRY

UR

25X1

UTM COORDINATES

NA

GEOGRAPHIC COORDINATES

56-55-40N 040-30-20E

MAP REFERENCE

ACIC. USATC 200, Sheets M0154-19HL, 3d ed, May 66, and -24HL, 3d ed, Mar 66, scale 1:200,000

(SECRET)

LATEST IMAGERY USED

NEGATION DATE (if required)

NA

ABSTRACT

This report updates NPIC report [redacted] *Teykovo ICBM Complex, USSR*, September 1966.¹ As of [redacted] the complex contained six SS-7 soft launch sites and 34 SS-11 single-silo launch sites including 16 still under construction. Other elements of the complex are the complex support facilities, the command and control facility, and the rail-to-road transfer point, which is currently being enlarged to support the SS-11 missile system. Included with this report is a table of pertinent data on each site and the support facilities and an annotated map, all current through [redacted]

25X1

25X1

25X1

INTRODUCTION

Teykovo ICBM Complex (Figure 1) is one of the four ICBM complexes in the vicinity of Moscow. It is 140 nautical miles (nm) northeast of the capital city, 16 nm southwest of the industrial city of Ivanovo, and in the vicinity of the town of Teykovo. The complex presently consists of six SS-7 launch sites and 34 SS-11 single-silo launch sites (Table 1). Teykovo is the last complex at which the SS-11 missile system was deployed. The complex support facilities are near the northern side of the town of Teykovo. The complex housing and administration area and the complex command and control facility are on the west edge of the city, while the railhead and storage area, construction support area, and the rail-to-road transfer point are on the northeast.

There are two airfields in the vicinity of the complex. A new sod landing area has been developed since [redacted] just southwest of the complex housing and administration area. The marked portion of the landing zone is approximately 8,500 feet long. Ivanovo North Airfield, a transport and training base, is nearby.

25X1

The entire area is served by good roads and Teykovo is on the main rail line between Ivanovo and Moscow. One of the main roads serving the Teykovo area from the southwest is being improved. This road may also support the new single-silo sites under construction 25 nm southwest of the town.

The complex is in a predominantly forested area interspersed with agricultural land. The terrain is relatively flat with an average elevation of 450 feet above sea level. The town of Teykovo consists predominantly of single-family houses and very little industry. Weather in this area is moderate; however, at times, sharp variations are experienced. The summer season is not overly hot and the winter temperature ranges from 5 to 20 degrees F.; however, extremely low dips in temperature have been recorded. Snow cover is common from November through April, but this cover is not heavy, as periodic thaws do occur.

Defenses in the area consist of SA-2 sites, principally in the Ivanovo Defense Sector. It may be assumed that these defenses are primarily for the Ivanovo industrial complex and the Teykovo ICBM Complex.

25X1

- 1 -

TOP SECRET

25X1

Page Denied

25X1

Approved For Release 2007/02/22 : CIA-RDP78T04563A000100010069-7

TOP SECRET

RCA-01/0017/69

25X1

25X1

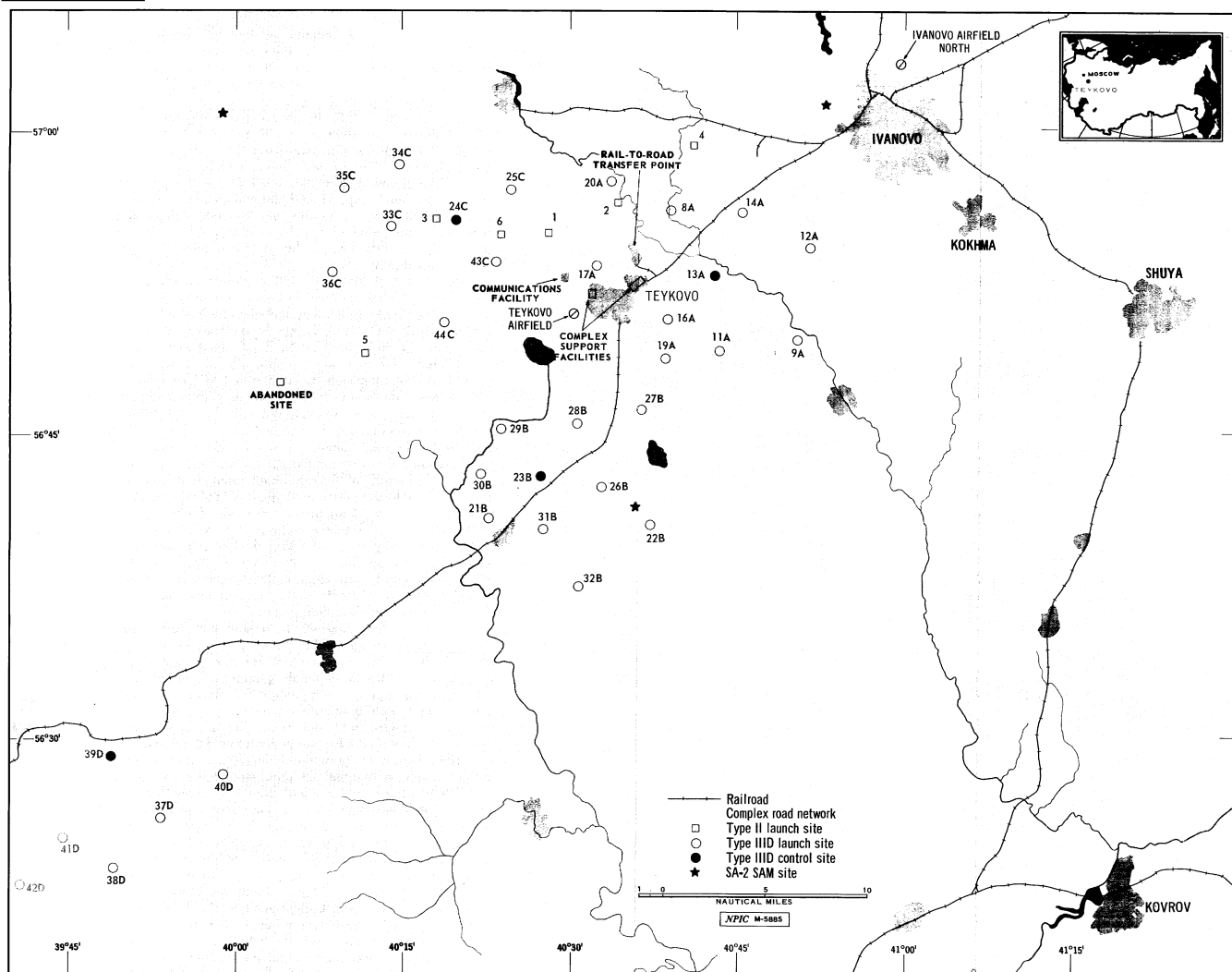


FIGURE 1. LOCATION OF TEYKOVO ICBM COMPLEX.

- 3 -

TOP SECRET

25X1

25X1

Approved For Release 2007/02/22 : CIA-RDP78T04563A000100010069-7

TOP SECRET

RCA-01/0017/69

BASIC DESCRIPTION

The Teykovo ICBM Complex was equipped with only the SS-7 missile system from [] through the spring of [] when the construction of the first Type IIID (SS-11) single silo was started. Teykovo is the last complex at which the SS-11 missile system was deployed.

As of [] the complex contained three Type IIB SS-7 soft launch sites, three Type IID SS-7 soft launch sites, and 34 Type IIID single-silo sites deployed in four groups, A through D. Sixteen single-silo sites are still under construction. The six SS-7 sites were completed by [] and have shown no change since that time. A seventh Type II SS-7 site was started in [] but was abandoned shortly after tree clearing and earth grading was commenced. The period from [] through the spring of [] was one of very little change, but missile training exercises were observed periodically.

Deployment of the Type IIID single-silo launch groups was initiated in [] when construction started on Launch Group A early in the year and on Launch Group B during the last half of the year. Early in [] Launch Group C was deployed and later in the same year Launch Group A was completed. At present, eight of the ten sites in Launch Group B are complete and all of the sites in the group should be completed during the first half of [] Launch Group C has eight launch sites, in various stages of construction, and Launch Group D has six sites, all in a mid-stage of construction.

The complex support facilities include the railhead and storage area, the housing and administration area, and the complex headquarters command and control facility. The railhead and storage area, on the northeast edge of Teykovo, is extremely active and has been expanded since the start of the deployment of the SS-11 missile system. There are two batch plants in operation, one of which is primarily for the fabrication of concrete materials. Construction worker housing has been greatly expanded during the last year, and foundations and building materials indicate that additional barracks-type buildings will be constructed. Two large construction-type motor pools are in operation. One is adjacent to the barracks area and the other is closer to the railhead and storage area.

The housing and administration area is on the west edge of the town of Teykovo. In [] it consisted of a group of ten small apartment buildings; however, there are now 18 apartment buildings, numerous other small family quarters, a hospital, a military area, and a motor pool. Construction still continues, and as of [] two more apartment buildings were under construction and a civic center appeared to be complete. In the military area, three barracks are complete and a foundation for a fourth is present.

The complex headquarters command and control facility² is collocated with the housing and administration area. It consists of a control building and two standard three-story administration buildings adjacent to the entrance to the military area. The control building, an earth-mounded arch-roofed structure [] has two lattice antenna towers erected adjacent to it. These towers are probably part of the VHF communications system which has been identified at the other ICBM command and control facilities.

A communications facility, 7,700 feet west of the control building, is connected to it by a cable scar.³ Four lattice antenna towers at the communications facility are adjacent to the earth-mounded structure which is also probably part of the VHF system. Two horizontal dipole antennas oriented toward Moscow are also in this communications facility. The communications facility is separately fenced and

TOP SECRET

TOP SECRET

RCA-01/0017/69

has a security control building at the entrance point and a single-story control building just inside the entrance.

The rail-to-road transfer point,^{4, 5} contains the facilities for the SS-7 and SS-11 missiles and their associated handling equipment. Prior to the deployment of the SS-11 missile system, the transfer point consisted of a storage area; a POL area; the SS-7 propellant area; a receiving, inspection, and maintenance (RIM) facility; and an SS-7 ground support equipment maintenance area. In [] construction of an SS-11 propellant area was started near the northwest end of the rail-to-road transfer point. Two other areas of new construction have also been observed but it is still too early to determine their ultimate function; however, additional RIM facilities and a warhead storage area are required for the SS-11 missile system and these may be related to this new construction activity.

25X1

As of [] a Type IIID training facility⁴ has not been observed at the complex. Teykovo is the only SS-11 complex without a known training facility, but it is still early in the deployment phase and a training facility may be constructed in the near future.

25X1

REFERENCES

25X1



MAPS OR CHARTS

ACIC. US Air Target Chart 200, Sheet M0154-19HL, 3d ed, May 66, scale 1:200,000 (SECRET [])

25X1

ACIC. US Air Target Chart 200, Sheet M0154-24HL, 3d ed, Mar 66, scale 1:200,000 (SECRET [])

25X1

25X1

DOCUMENTS

1. NPIC. [] Teykovo ICBM Complex, USSR, Sep 66 (TOP SECRET [])
2. NPIC. [] Soviet ICBM Headquarters Command and Control Facilities, USSR, Dec 68 (TOP SECRET [])
3. NPIC. [] HF Communications Facilities at Zhangiz-Tobe, Imeni Gastello, Uzhur, and Teykovo ICBM Launch Complexes, USSR, Mar 67 (TOP SECRET [])
4. NPIC. [] Teykovo ICBM Complex, USSR, Rail-to-Road Transfer Point, Jun 67 (TOP SECRET [])
5. NPIC. [] Analysis of Rail-to-Road Transfer Points Associated With the Soviet SS-11 ICBM, Jun 68 (TOP SECRET [])

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

REQUIREMENT

COMIREX BR-A/001-69

NPIC Project 210157

TOP SECRET

25X1

25X1

TOP SECRET

TOP SECRET